

Serial No. 10/625,886

Docket UVD 0299 IA

Exhibit B

<u>Sample Number</u>	<u>Water Soluble Cerium Compound</u>	<u>Water-soluble Salt of Transition Metal Oxo-complexes</u>	<u>pH of Supernatant/Precipitate Formed</u>
1	25% cerium nitrate	75% sodium molybdate	6.6
2	75% cerium nitrate	25% sodium molybdate	4.9
3	25% ammonium cerium nitrate	75% sodium molybdate	6.1
4	75% ammonium cerium nitrate	25% sodium molybdate	1.9
5	25% cerium sulfate	75% sodium molybdate	6.0 / undissolved cerium sulfate
6	75% cerium sulfate	25% sodium molybdate	5.9 / undissolved cerium sulfate
7	25% cerium nitrate	75% sodium tungstate	7.7
8	75% cerium nitrate	25% sodium tungstate	5.7
9	25% ammonium cerium nitrate	75% sodium tungstate	7.25
10	75% ammonium cerium nitrate	25% sodium tungstate	1.5 / no precipitate
11A	25% cerium sulfate	75% sodium tungstate	7.5 / undissolved cerium sulfate
12A	75% cerium sulfate	25% sodium tungstate	7.75 / undissolved cerium sulfate
11	25% cerium nitrate	75% sodium metasilicate	
11	75% cerium nitrate	25% sodium metasilicate	
11	25% ammonium cerium nitrate	75% sodium metasilicate	
11	75% ammonium cerium nitrate	25% sodium metasilicate	
11	25% cerium sulfate	75% sodium metasilicate	
11	75% cerium sulfate	25% sodium metasilicate	
11B	50% cerium nitrate	50% sodium metasilicate	No supernatant
12B	50% ammonium cerium nitrate	50% sodium metasilicate	No supernatant
13	50% cerium nitrate	50% sodium metavanadate	Not measured
14	50% ammonium cerium nitrate	50% sodium metavanadate	Not measured

Infiltrated